

# TECHNICAL GRADE UREA

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### DESCRIPTION

TGU is a high purity source of nitrogen and is commonly used in the industrial sector

### TYPICAL APPLICATIONS

Environmental control applications (Selective Catalytically Reduction, SCR). Resins and Adhesives. Animal feed. Cloud seeding agent.

### TYPICAL PROPERTY VALUES

Revision 20181012

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>PROPERTIES</b>			
Shape		TBC	
Diameter	≥ 90	Wt.%	
Urea Content	≥ 99	Wt.%	
Total Nitrogen	46	% min	
Biuret	≤ 0.90	Wt.%	
Alkalinity as NH <sub>3</sub>	≤ 0.6	%	
Formaldehyde	≤ 15	mg/kg	
Moisture	≤ 0.5	Wt.%	
Insoluble matter	≤ 57	mg/kg	
Phosphate as PO <sub>4</sub>	≤ 1.5	mg/kg	
Calcium as Ca	≤ 1.5	mg/kg	
Iron as Fe	≤ 1.5	mg/kg	
Copper as Cu	≤ 0.6	mg/kg	
Zinc as Zn	≤ 0.6	mg/kg	
Chromium as Cr	≤ 0.6	mg/kg	
Nickel as Ni	≤ 0.6	mg/kg	
Aluminum	≤ 1.5	mg/kg	
Magnesium as Mg	≤ 1.5	mg/kg	
Sodium as Na	≤ 1.5	mg/kg	
Potassium as K	≤ 1.5	mg/kg	

### STORAGE AND HANDLING

Store in a dry, cool and well-ventilated area. Protect the product from the weather effects, especially direct sunlight, and rain. Store in clean environment, free of dust/dirt. Protect the product from moisture, which can cause lumps and dust, influencing spreading capabilities. Equipped with pallet racking to avoid the need for double stacking. Do not blend or store in contact with ammonium nitrate.

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